

REMARKS

Claims 206, 8-11, 13-18, 20-23, and 25-28 remain in the application. Claims 1, 7, 12, 19, and 24 have been cancelled. Claims 2, 3, 8, 9, 13, 14, 20, 21, 25, and 26 have been amended. New claims 29-36 have been added.

Claim Rejections under 35 U.S.C. § 112, Second Paragraph

Claims 19-28 were rejected under 35 U.S.C. § 112, second paragraph as failing to distinctly claim the invention. In particular, the Office Action states that in claims 19 and 24, it is not clear what the crossbar receives inputs from. Claims 21 and 26 have been amended to refer to the crossbars as to receive instructions from a memory device. In view of these amendments, reconsideration and withdrawal of the rejection of claims 20-23 and 25-28 under 35 U.S.C. § 112, second paragraph is respectfully requested.

Claims Indicated as Allowable

Claims 3, 9, 14, 21, and 26 have been amended to put them into independent form, and claims 21 and 26 have been amended to address the § 112, second paragraph concerns of claims 19 and 24. Newly added claims 29-36 include limitations similar to those found in claims 21 and 26. The dependency of claims 2, 8, 13, 20, and 25 have been changed to depend from the claims indicated as being allowable. In view of the above, claim 2-6, 8-11, 13-18, 20-23, and 25-36 should now be allowed.

CONCLUSION

For all the above reasons, the Applicant respectfully submits that this application is in condition for allowance. A Notice of Allowance is earnestly solicited.

The Examiner is invited to contact the undersigned at (202) 220-4255 to discuss any matter concerning this application. The Office is hereby authorized to charge any additional fees or credit any overpayments under 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 11-0600.

Respectfully submitted,
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